

VINYL - D. W. Hollis/M. L. Nathan

Safety

The Vinyl and Yard Departments operated with one medical case type injury in August. The injury involved a cut to an Operator's arm caused by an exposed insulation cover.

Shift safety meeting topics for the month included review/discussion of the plant's Emergency Plan.

<u>Production</u>	<u>August</u>	<u>Y.T.D. (Fiscal 1985)</u>
1. Production, MM Lbs.	35.1	380.6
2. Daily Production Rate, M Lbs./C.D.	1133.5	1136.4
3. Total Charges	867.0	9302.0
4. Charges, Reactor Batches/C.D.	28.0	27.8
5. Reactor Stream Factor	92.2	89.7
6. Dryer Rate, Average Lbs./Hr.	12010.0	10043.0
7. Dryer Stream Factor	49.2	60.5
8. Accounting Days	31	335

Vinyl Department production for August was 35.1MM pounds.

Reactors

The reactor stream factor for August was 92.2%. Downtime in the reactor area occurred as follows:

- 1) Operational Downtime: Accounted for 48.2% of the total downtime and was due to reactor recovery scheduling conflicts and downtime due to severe weather conditions which included an extended power outage on 8/16.
- 2) Maintenance Service Downtime: Accounted for 2.6% of the total downtime and was due to cleaning reactor AMS injection ports and slow vent lines.
- 3) Maintenance Repair/Revision Downtime: Accounted for 49.2% of the total downtime and was due to five reactor valve changeouts, agitator seal replacements on 600, 700 and 745, agitator kicker blade installation on 300 and 500, and agitator gearbox rebuilding on 745.

Dryers

The dryer stream factor for August was 49.2%. Downtime in the dryer area occurred as follows:

- 1) Reactor Limited Production: Accounted for 91.7% of the total downtime. Dryers were shut down when possible for energy conservation. Advantage was taken of the downtime to perform shutdown type work such as dryer cleaning and dust collector sock changes.

VINYL - ContinuedDryers - continued

- 2) Operational Downtime: Accounted for 5.8% of the total downtime and was due to centrifuge plugging, burner flameouts, dryer cleaning, transfer activator problems, and downtime due to power outages.
- 3) Maintenance Repair/Revision Downtime: Accounted for 2.5% of the total downtime and was due to activator, centrifuge and screener repairs.

Product Quality Summary

<u>Resin Type</u>	<u>Prime</u>	<u>"BC"</u>	<u>"H"</u>	<u>% of Total Production</u>
5265	1,999,099	6,750	-	5.7
5305	2,879,851	-	-	8.2
5385	18,298,717	1,986,800	-	57.7
5425	7,188,241	-	-	20.5
5465	2,009,260	-	-	5.7
Debox	-	517,780	-	1.5
Sifter Overflow	-	-	59,029	0.2
Pond Resin	192,400	-	-	0.5
Total	32,567,568	2,511,330	59,209	100.0

Quality performance for August was 99.8% customer grade with 0.2% "H" grade production.

A total of six railcars were shipped as "B" grade during the month which represented 5.0% of the 121 total resin hopper cars shipped.

<u>Load Date</u>	<u>Ship Date</u>	<u>Car No.</u>	<u>Customer</u>	<u>Product</u>	<u>Reason</u>
7/15/85	8/02/85	ACFX 55814	Grifco	5385	Contamination
7/22/85	8/09/85	PTLX 41857	Continental Plastics	5385	Contamination
7/27/85	8/13/85	VIPX 45805	Wexford	Debox	Quality
7/25/85	8/16/85	VIPX 45303	Extrusion Technology	5385	Contamination
7/27/85	8/20/85	PLCX 41627	Extrusion Technology	5385	Contamination
8/07/85	8/22/85	PTLX 41592	Silverline	5385	Contamination

The vinyl area received thirty-one short lead time emergency type orders comprising 12.8% of the 243 Aberdeen resin shipments in August.

VINYL - ContinuedMonthly Variable Cost Performance

Variable costs for the month were favorable at \$2778.5M resulting from net price and efficiency variances of \$2784.9M favorable and \$6.4M unfavorable, respectively. Resin variable cost for the month was 16.641 ¢/lb. vs. the budgeted 24.605 ¢/lb.

The \$2784.9M favorable price variance was primarily attributed to lower than budgeted pricing for VCM, \$2716.4M; VCM freight, \$40.6M; and utilities, \$43.3M.

The \$6.4M unfavorable efficiency variance can be attributed to unfavorable efficiencies in raw materials, \$48.5M. Positive efficiency variances included VCM, \$8.3M; and utilities, \$45.9M.

VCM efficiency for the month was 1.00398 lbs. VCM/lb. PVC versus the budgeted 1.00500 lbs. VCM/lb. PVC. Year-to-date efficiency is 1.00076.

Year-to-date variable cost efficiency variances in the Vinyl Department totaled \$913.1M favorable.

Energy Performance/Progress

1. Plant energy consumption for August was a record 2326 BTU/lb. The previous record was 2338 BTU/lb set in May of this year.
2. A total of seven steam leaks and one steam trap were repaired during the month.

General

1. Packaging for the month totaled 631,279 pounds.
2. Resin raw material in the 744 account totaled \$270.7M at month end.